

SAFETY MESSAGE

Incident:
Green Valley Fire

Date:
Friday May, 17, 2013

Shift:
Day/Night

Major Hazards and Risks:

- Communications [VHF, Armer]
- Changing Weather Conditions
- Utility Repair Work
- Maintain L.C.E.S.
- Falling Snags (Heads Up!)
- Falling Operations
- Driving Busy Narrow Roads (Go Slow)
- Helicopter Bucket Work
- Tick Bites
- Situational Awareness

Step Back
Think
Organize
Proceed



The cornerstone of safety is to take time to assess the job and its environment. In order to encourage this principle, please consider using the “STOP” acronym to act as a reminder to pursue all jobs in a safe manner



S – Step back and consider all aspects of the job. This includes yourself, your co-workers, equipment, vehicles, route of travel, activities, weather, special events (i.e. hunting season), terrain, etc.

T – Think about what you are about to do. This includes potential/real hazards, crew experience levels, influence of other activities/happenings, distractions, specific safety message that needs to be communicated to co-workers, do my actions reflect my intent on emphasis of safety, etc.

O – Organize the job and co-workers to ensure quality and quantity of task accomplishments. This diligent effort will achieve desired results in a “non hurried” environment.

P – Proceed in a determined effort to accomplish given tasks in a safe manner. This means that all persons involved are consistently alert and keenly aware of being careful in all their actions.

Line Safety Officers	Safety Officer IMT A
Bob Brittain, Pete Villa	Ron Guck

Incident Objectives	1. Incident Name GREEN VALLEY	2. Date Prepared 05/16/13	3. Time Prepared 2145
4. Operational Period <div style="text-align: center;">05/17/13 Friday Day Shift 0700 - 2100</div>			
5. General Control Objectives for the incident (include alternatives) Provide for firefighter and public safety. Adhere to the 10 Standard Firefighting Orders and 18 Watch Out Situations. Prioritize protection of private property and structures ahead of the protection of natural resources. Coordinate with local law enforcement and fire departments to ensure public safety needs are met. Be considerate of and respond to the concerns of private landowners.			
6. Weather Forecast for Period A 40 percent chance of showers, mainly before 1pm. Mostly cloudy, with a high near 64. East southeast wind 10 to 15 mph, with gusts as high as 20 mph. New precipitation amounts of less than a tenth of an inch possible.			
7. General Safety Message Maintain LCES and your situational awareness. Driving safety is one of the many hazards on this incident and it is even more important at night			
8. Attachments (mark if attached)			
<input checked="" type="checkbox"/> Organization List - ICS 203	<input type="checkbox"/> Incident Map	<input type="checkbox"/>	
<input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204	<input checked="" type="checkbox"/> Safety Message	<input type="checkbox"/>	
<input checked="" type="checkbox"/> Communications Plan - ICS205	<input type="checkbox"/> Traffic Plan	<input type="checkbox"/>	
<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> Air Operations Summary - ICS 220	<input type="checkbox"/>	<input type="checkbox"/>	
9. Prepared by (Planning Section Chief) 		10. Approved by (Incident Commander) 	

ORGANIZATION ASSIGNMENT LIST		9. Operations Section	
1. Incident Name GREEN VALLEY		Day	Norman/Edgar/Langford
2. Date Prepared 05/16/13		Night	Hazelton
3. Time Prepared 2155		a. Branch I - Division/Groups	
4. Operational Period 05/17/13 Friday Day Shift 0700 - 2100		Branch Director	
Position	Name	Deputy	
5. Incident Commander and Staff		Division/Group A	Pooler
Incident Commander	Aultman	Division/Group B	Cassellius
Deputy	Hinds	Division/Group C & D	Rice
Safety Officer	Guck	Division/Group Z	Geirsdorf
Information Officer	Sanow	Division/Group Staging	Holden
Liaison Officer	Snetsinger	b. Branch II - Division/Groups	
6. Agency Representative		Branch Director	
Agency	Name	Deputy	
Becker Co. Sheriff Shannon	MN DNR Carlstrom	Division/Group	
Hubbard Co. Sheriff Aukes	Menahga Fire Chief Kicker	Division/Group	
Wadena Co. Sheriff Carr	Wolf Lake Fire Chief Hillukka	Division/Group	
State Fire Marshall Bergstrand	Park Rapids Fire Chief Hoffman	Division/Group	
		Division/Group	
7. Planning Section		c. Branch III - Division/Groups	
Chief	Olson	Branch Director	
Deputy	Drimel	Deputy	
Resources Unit	Leitinger	Division/Group	
Situation Unit	Heisel	Division/Group	
Documentation Unit		Division/Group	
Demobilization Unit		Division/Group	
Fire Behavior Analyst	Miedtke	Division/Group	
Human Resource Specialist		d. Air Operations Branch	
Training Specialist		Air Operations Branch Director	Lloyd
GIS Specialist	Watson/Nyberg	Helibase Manager	
Computer Specialist	Nadler	Air Attack Supervisor	
		Air Support Supervisor	
		Helicopter Coordinator	
8. Logistics Section		Air Tanker Coordinator	
Chief	Worshek	10. Finance Section	
Deputy		Chief	Kelly
Supply Unit	Julson	Deputy	Calder
Facilities Unit	Johnson	Time Unit	Basina
Ground Support Unit	Hill	Procurement Unit	O'Brien
Communications Unit	Willis	Compensation/Claims Unit	
Medical Unit	Marsolek	Cost Unit	
Ordering Manager	Schiller	Prepared by (Resource Unit Leader)	
Food Unit		Leitinger	

WEATHER FORECAST FOR GREEN VALLEY FIRE...NWS GRAND FORKS ND
322 PM CDT THU MAY 16 2013

.DISCUSSION...

TRUE MOISTENING WILL OCCUR THURSDAY EVENING YIELDING RAIN SHOWERS FRIDAY.
MORE COPIOUS RAIN AND THUNDERSTORMS ARE STILL SCHEDULED FOR THE WEEKEND INTO
THE FIRST HALF OF NEXT WEEK. A SOAKING AMOUNT OF MOISTURE THAT WILL KEEP
HUMIDITY MINIMA FAIRLY HIGH THROUGH THE PERIOD.

FRIDAY...

SKY/WEATHER.....MOSTLY CLOUDY. SCATTERED RAIN SHOWERS IN THE MORNING THEN
ISOLATED RAIN SHOWERS IN THE AFTERNOON.

MAX TEMPERATURE.....62-67.

MIN HUMIDITY.....50-55 PERCENT.

WIND (20 FT).....SOUTHEAST WINDS 8 TO 13 MPH. GUSTS UP TO 20 MPH
IN THE LATE MORNING AND AFTERNOON.

TIME (CDT)	7 AM	10 AM	1 PM	4 PM
SKY (%)	84	88	89	86
WEATHER COV	SCTTRD	SCTTRD	ISOLTD	ISOLTD
WEATHER TYPE	RNSHWR	RNSHWR	RNSHWR	RNSHWR
TEMP	50	55	59	62
RH	63	61	60	58
20 FT WIND	E 8G15	E 11G20	SE 12G20	SE 12G20

PRECIPITATION.....SCATTERED TRACE TO 0.10 INCH AMOUNTS.

FRIDAY NIGHT...

SKY/WEATHER.....CLOUDY. SHOWERS AND THUNDERSTORMS LIKELY.

MIN TEMPERATURE.....50-55.

MAX HUMIDITY.....88-93 PERCENT.

20-FOOT WINDS.....SOUTHEAST WINDS 5 TO 10 MPH. GUSTS UP TO 20 MPH
IN THE EVENING.

LAL.....5.

PRECIPITATION.....0.10 TO 0.20 INCH AMOUNTS.

.SATURDAY...

SKY/WEATHER.....CLOUDY. SCATTERED SHOWERS AND THUNDERSTORMS.

MAX TEMPERATURE.....72-77.

MIN HUMIDITY.....61-66 PERCENT.

20-FOOT WINDS.....SOUTHEAST WINDS 5 TO 10 MPH.

LAL.....4.

PRECIPITATION.....SCATTERED 0.20 TO 0.30 INCH AMOUNTS.

HOURS OF SUNSHINE...2.

.SATURDAY NIGHT...SHOWERS AND THUNDERSTORMS LIKELY. LOWS IN THE
UPPER 50S. SOUTHEAST WINDS AROUND 10 MPH.

.SUNDAY...SHOWERS AND THUNDERSTORMS LIKELY. HIGHS IN THE LOWER
70S. SOUTHEAST WINDS AROUND 10 MPH.

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: Three

TYPE OF FIRE: Wildfire

FIRE NAME: Green Valley

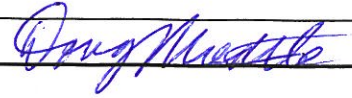
OPERATIONAL PERIOD: May 17, 2013

DATE ISSUED: May 16, 2013

TIME ISSUED: 1900

UNIT: MN DNR Forestry, Park Rapids

Doug Miedtke, FBAN



INPUTS

WEATHER SUMMARY: Check with the NWS in Grand Forks for morning updates.

Friday: Mostly cloudy. Scattered rain showers in the morning, isolated showers in the afternoon. High 62 to 67 degrees. Minimum RH 50 to 55%. Southeast wind 8 to 13 mph, gusting to 20 mph late morning and afternoon. Scattered trace to 0.10" precipitation.

Friday night: Cloudy. Showers and thunderstorms likely. LAL of 5. Low 50 to 55 degrees. Max. RH 88 to 93%. Southeast wind 5 to 10 mph, gusting to 20 in the evening. Precipitation amounts 0.10" to 0.20".

Saturday: Cloudy. Scattered showers and thunderstorms. High 72 to 77 degrees. Minimum RH 61 to 66%. Southeast wind 5 to 10 mph. Scattered 0.20" to 0.30" precipitation.

Showers and thunderstorms will be likely Saturday night and Sunday, rain chances continue into next week.

OUTPUTS

FIRE BEHAVIOR (based on weather inputs from NWS wx forecasts issued 5/16/2013)

The Haines is forecast to be 3 or very low today. Fine fuel moisture will only fall to 10% this afternoon. The Probability of Ignition will be about 30%. New starts are unlikely today, but not out of the question if rain does not arrive. In the absence of a wetting rain, dry fuels will still burn with high intensity.

On the Green Valley Fire, persistent fire in chip piles and other areas with heavy dead fuels will continue to smolder and even flare up occasionally but additional fire growth is unlikely.

If we don't get rain and a new start does occur in the area, fire in dry grass will spread up to 40 chains/hour with flames 10 feet at the head. Fire in dry leaf and needle litter will spread less than 10 chains/hour with flames 2 to 6 feet at the head. Torching will occur where fire moves through young pine with crowns close to the ground.

Forecast Canadian indices for Friday in the fire vicinity, assuming no rain:

FFMC	DMC	DC	ISI	BUI	FWI
88 - High	48 - Very High	172 - Moderate	11 - High	56 - Very High	25 - Very High

AIR OPERATIONS

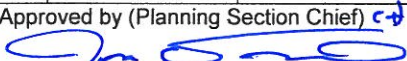
As of Thursday afternoon, NWS meteorologists don't expect serious limitations due to visibility or ceilings on Friday; it may be MVFR at worse. This will need to be re-evaluated in the morning before any undertaking any missions.

SAFETY

Keep alert for falling snags. Gusty winds today will bring trees and snags down with little warning.

ICS 204 Final Page 1 of 5 ICS 204 Forms

ICS 204 Final Page 2 of 5 ICS 204 Forms

Division Assignment List			1. Branch		2. Division/Group Z		
3. Incident Name GREEN VALLEY			4. Operational Period 05/17/13 Friday Day Shift 0700 - 2100				
5. Operations Personnel							
Operations Chief		Norman		Division/Group Supervisor		Geirsdorf	
Operations Chief				Air Attack Supervisor			
Branch Director				Safety Officer		Guck	
6. Resources Assigned this Period							
Strike Team/Task Force/ Resource Designator		Leader		Num of Pers.	Trans. Y/N	Drop Off PT./Time	Pick Up PT./Time
E1 Rock Hill		Finnegin		2	N	Fire Hall 0700	
E2 Rock Hill		Peterson		2	N	Fire Hall 0700	
Fergus Falls ASV Scout		TBD		2	N	Fire Hall 0700	
E656		Gruska		2	N	Fire Hall 0700	
DNR Wildlife		Gessler		5	N	Fire Hall 0700	
Tender Cuyana		TBD		2	N	Fire Hall 0700	
Cumber D6		Cambell		1	N	Fire Hall 0700	
HEQB		Grove		1	N	Fire Hall 0700	
SOFR		Villa		1	N	Fire Hall 0700	
7. Control Operations Continue Protecting Structures Maintain control lines Continue mopup along control lines and interior areas							
8. Special Instructions Law enforcement will be patrolling Hwy 71 for traffic control.							
9. Division/Group Communications Summary							
Function	Frequency - RX	Frequency - TX	Tone	System	Channel	System	Channel
Command	168.7000	170.9750	123		5		
Tactical Div/Group	168.2000	168.2000	123		2		
Logistics							
Air to Ground	169.2000	169.2000			4		
Prepared by (Resource Unit Leader) Leitinger			Approved by (Planning Section Chief) 			Date Prepared 05/16/13	
						Time Prepared 1935	

INCIDENT RADIO COMMUNICATIONS PLAN				1. Incident Name Green Valley		2. Date Time Prepared 5/16/2013 20:00		3. Operational Period Date/Time 5/17/2013 Day shift	
Radio Type	CH #	Function	Frequency	Tone/NAC	Mode	TGID	Assignment	Remarks	
King	1	Tactical	RX: 168.0500 TX: 168.0500	123.0	N		Div A		
King	2	Tactical	RX: 168.2000 TX: 168.2000	123.0	N		Div B & Z		
King	3	Tactical	RX: 168.6000 TX: 168.6000	123.0	N		Div CD		
King	4	Air - Ground	RX: 169.2000 TX: 169.2000		N		Air to Ground contact		
King	5	CMD Repeater	RX: 168.7000 TX: 170.9750	123.0	N		Coverage over the fire ground and to ICP		
King	6	CMD Simplex	RX: 168.7000 TX: 168.7000	123.0	N		Point to Point over the fire ground		
King	7		RX: TX:		N				
King	8	Local Forestry Wolf Lake Repeater	RX: 151.3850 TX: 159.4350	136.5 136.5	N		Local Area DNR repeater	To contact local DNR Area	
King	9	Local Forestry Park Rapids Area	RX: 151.3850 TX: 151.3850	136.5 136.5	N		Local Area DNR simplex	To contact local DNR Resources	
King	10	DNR TAC 1	RX: 151.475 TX: 151.475	156.7	N		MN DNR TAC 1		
King	11	DNR TAC 2	RX: 170.475 TX: 170.475	156.7	N		MN DNR TAC 2		
King	12	DNR Air - Ground	RX: 151.3400 TX: 151.3400	110.9 110.9	N		MN DNR A-G		
King	13	Statewide Fire Mutual Aid	RX: 154.2950 TX: 154.2950		N		Possible VFD contact		
King	14	Weather	RX: 162.5500 TX:		N		Weather		
King	15	Weather	RX: 162.4500 TX:		N		Weather		
King	16	Air Guard	RX: 168.6250 TX: 168.6250	110.9	N		Air Guard for aviation emergencies		
5. Prepared by (Communications Unit) Peter Willis COML									

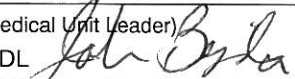

Note: This is not a standard NWCG ICS205 Form

Green Valley Fire Phone List	
	5/16/13
218-564-1300	Incident Commander/Conference Room
218-564-1301	Information 1
218-564-1302	Information 2
218-564-1303	Communications
218-564-1304	Ordering
218-564-1305	Fax Machine
218-564-1306	Operations
218-564-1307	Medical
218-564-1307	Logistics
218-564-1307	Facilities
218-564-1307	Ground Support
218-564-1308	GIS
218-564-1309	Situation
218-564-1309	Resources
218-564-1309	Demobilization
218-564-1310	Liaison

Green Valley Fire Contact List

alphabetical by section

Section	Last	First	Cell Number	Section	Last	First	Cell Number
Command							
IC	Aultman	Mike	218-244-9497	Operations			
Area Forester	Carlstrom	Mark	218-255-1540	DIVS B	Cassellius	Marty	612-280-7361
PIO2	Edmonds	Jeff	218-760-6144	OSC Planning	Edgar	Jim	507-696-5307
LOFR	Ehret	John	651-248-5249	DIVS Z	Giersdorf	Bruce	218-259-3014
PIO2	Erickson	Mark	612-860-6360	Midewan Supervisor	Hoffman	Jerry	815-210-0289
NW Region	Glessner	BJ	218-244-3625	OSC Planning (t)	Langford	Russ	763-244-9844
SOF2	Guck	Ron	218-290-5238	OSC2	Norman	Tim	218-370-2202
PIO2	Hanson	Kathy	218-244-4322	DIVS A	Pooler	Paul	218-259-1906
Deputy IC	Hinds	Jim	218-341-3024	DIVS B/C	Rice	Mike	218-368-2087
PIO2	Knight	Gil	218-349-0679	DIVS (t)	Teeter	Steve	218-341-5160
LOFR	Oland	Tim	218-395-0355	Air Operations			
PIO2	Sanow	Ron	218-839-1504	ASGS	Lloyd	Doug	218-244-4120
LOFR	Snetsinger	Dave	218-850-8214	ASGS(t)	Kessler	Lee	218-244-1765
Red Cross		Christina	218-780-4645	Plans			
				CTSP	Arlich	Mike	218-259-5283
				PSC2(t)	Drimel	Jon	218-308-3162
Logistics				SITL	Heisel	Bob	218-780-7396
MEDL	Bajda	John	218-340-0169	RESL(t)	Leitinger	Brian	218-839-7288
SUPL	Cihlar	Duane	218-370-1662	FBAN	Meidtke	Doug	218-360-1813
EMT	Hege	Devon	218-324-2322	CTSP	Nadler	Meggan	651-248-0168
GSUL	Hill	Lenny	218-259-0495	GISS	Nyberg	Glendon	320-232-5866
FACL	Johnson	Gary	218-242-2169	PSC2	Olson	Paul	218-392-0239
EQPM	Julson	Bill	218-244-7027	CTSP	Watson	Sherry	218-259-9755
FACL	Lauer	Jay	218-244-8154				
MEDL	Marsolek	Richard	218-556-2268	Finance			
ORDM	Schiller	Kathy	218-851-4367	TIME(t)	Basina	Christine	612-850-1901
COML	Willis	Peter	320-630-3193	FSC2(t)	Calder	Nancy	218-242-3778
LSC2	Worshek	Dave	218-290-7192	FSC2	Kelly	John	507-696-5306
				PROC	O'Brien	Kevin	507-458-4241

MEDICAL PLAN	1. Incident Name Green Valley	2. Date Prepared 05/16/2013	3. Time Prepared 1800	4. Operational Period 05/17 0700-2100			
5. Incident Medical Aid Station							
Medical Aid Stations	Location			Paramedics Yes No			
MEDICAL UNIT	ICP			X			
6. Transportation							
A. Ambulance Services							
Name	Address	Phone	Paramedics Yes No				
Tri-County EMS (PSA)	Wadena	911	X				
North Memorial	302 Hatch Ave. Park Rapids	911 (218) 732-5255	X				
North Memorial Air Care Helicopter	Bemidji and Brainerd	911 (800) 247-0229	X				
Sanford Air Med Helicopter	Bemidji and Fargo	911 (800) 952-2229	X				
B. Incident Ambulances							
Name	Location	Paramedics Yes No					
Tri-County EMS	Standing by near staffed divisions	X					
7. Hospitals							
Name	Address	Travel Time Air Ground		Phone	Helipad Yes No	Burn Center Yes No	
Tri-County Hospital	415 Jefferson St N Wadena, Mn 56482	15 min	30min	218/ 631-3510	X		X
St. Joseph's	600 Pleasant Avenue Park Rapids, MN 56470	10 min	15min	701/ 780-5433		X	X
Sanford Medical Center	801 Broadway Fargo, ND 58122	40 min	2 hr	701/ 234-2000	X		X
Miller Dwan Burn Center	502 East 2nd Ave, Duluth	2 hr	5.5 hr	218/ 786-2815	X		X
Regions Hospital Burn Center	640 Jackson St St. Paul	2 hr	3.5 hr	800/ 221-2810	X		X
HCMC Burn Center	701 Park Ave., Minneapolis	2 hr	3.5 hr	612/ 873-2915	X		X
8. Medical Emergency Procedures							
Call 911 for medical emergencies in the ICP.							
In the event of a medical emergency provide the following information to the Communications Unit:							
<ul style="list-style-type: none"> o Declare the nature of the emergency (medical illness or injury) and if it is life threatening, 							
<u>DO NOT TRANSMIT NAME OF PATIENT</u>							
<ul style="list-style-type: none"> o If life threatening, request Command frequency to be cleared for emergency traffic only; o Identify the on-scene Point of Contact (POC) by Resource and Last name (i.e. POC is FLD Smith); o Identify nature of incident – Number injured, patient assessments, and location (geographic and GPS coordinates) o Identify on-scene medical personnel by position and name (i.e. EMT Jones), 							
<u>MOST MEDICALLY QUALIFIED PERSON TAKES CHARGE OF MEDICAL CARE.</u>							
<ul style="list-style-type: none"> o Identify preferred method of transport (see attachment C for transportation and evacuation plan); o Request additional resources and/or equipment as needed; o Identify any changes in POC or on-scene medical personnel as they occur. o Comm Unit needs to document all transmissions sent and received. 							
9. Prepared by (Medical Unit Leader) John Bajda, MEDL 				10. Reviewed by (Safety Officer) Ronald E. Guck, SOF2 			

Medical Plan Attachment C – Evacuation/ Transport Plan

General Information:

- Communicate all injuries/illnesses, as outlined in the ICS 206 Block 8.
- Use 911 for Emergency medical response and transport for injuries/illnesses occurring in the ICP.
- Identify and prep potential MEDIVAC spots and provide Lat/Long coordinates to Plans.
- Notify direct supervisor and DIVS of any injury or illness.
- DIVS contacts closest available medically trained personnel.
- Notify Operations Section Chief or the Safety Officer, and MEDL of the injury/illness.
- On-site incident personnel will move ill or injured patient to the nearest road or medevac site.
- Request additional equipment or supplies needed to move patient.
- Communications/MEDL will notify ambulance of patient pick-up point.
- The most medically qualified incident personnel should accompany patients during the move, until transferred to ground or air ambulance personnel.

Assigned evacuation resources:

- There are no designated incident MEDIVAC ships at this time.
- MEDIVAC will be arranged by responding ambulance personnel.

Incident Communication Center Protocol Standard Elements

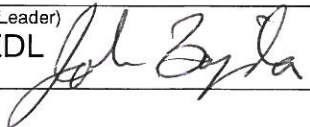
COML/designee will ensure the following information is obtained and recorded during medical emergencies:

1. Determine the nature of the emergency.
2. Medical injury/illness? If injury/illness is it life threatening?
3. If life threatening, clear Command frequency for emergency traffic.
4. Identify the on-scene Point of Contact (POC) by resource and last name (i.e. POC is TFLD Smith).
5. Contact Medical Unit Leader immediately.
6. Request POC to provide number of injured, patient assessment, and location (geographic and GPS coordinates).
7. Identify on-scene medical personnel by position and name (i.e. on-scene medical personnel is EMT Jones).
8. Request preferred method of patient transport.
9. Determine if any additional resources and/or equipment are needed.
10. Document all information received and transmitted on the radio or phone.
11. Document any changes in the on-scene Point of Contact or medical personnel as they occur.

SPECIAL CONCERNS: If you are entering burned areas where there are agricultural products, be especially aware that burned farm products may contain hazardous materials. Also, in yards and structures that are burned over, there may be hidden hazards on the ground or above you. If you find anything suspicious, contact SOF so they may evaluate any materials that may be dangerous for fire fighters or home owners.

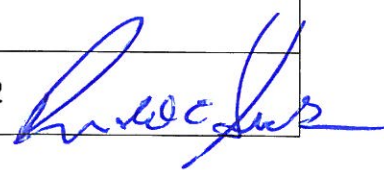
Prepared by (Medical Unit Leader)

John Bajda, MEDL



Reviewed by (Safety Officer)

Ronald E. Guck, SOF2



INCIDENT SAFETY ANALYSIS GREEN VALLEY FIRE

DIV	HAZARDS	MITIGATIONS	
	Driving & Traffic Steep Narrow Roads	<ul style="list-style-type: none"> Practice “Defensive Driving” techniques Look both ways when entering Hwy 71 on all access roads. Use spotters when backing, and honk horn to alert personnel Follow 3 second rule when driving on Hwy 71 Always use headlights, wear seatbelts, and use chock blocks Use turnouts, and drive 20 mph to Structure Group locations 	
	Hazard Trees	<ul style="list-style-type: none"> Follow “Hazard Tree Safety” guidelines, IRPG page 20 Look up, down around for hazard tree indicators Only fell trees within your expertise, and training 	
All	Extreme Fire Behavior	<ul style="list-style-type: none"> Refer to IRPG back page for watchout conditions Establish “Trigger Points” to disengage 	
I.A.	Initial Attack	<ul style="list-style-type: none"> Follow the “Briefing Checklist” on IRPG back page Use “Risk Management” approach prior to suppression actions Ensure communications are adequate with ICP 	
Structure Group	Old Abandoned buildings Buried Debris	<ul style="list-style-type: none"> Don't enter buildings, watch for nails, and other HAZMAT Have spotter when climbing ladder to wrap roofs Follow “Structure Assessment Checklist” on page 12-14 in IRPG Use “Structure Protection Guidelines” on page 10-11 in IRPG 	
	Mechanized Equipment	<ul style="list-style-type: none"> Create positive communication with operator, hand, radio, etc Always work 2 tree lengths or greater from dozer 	
	Working with Heavy Equipment	<ul style="list-style-type: none"> Provide briefings with escape routes, and safety zones Remove non-essential personnel prior to engaging Stay at least 100 feet in front or 50 behind the equipment Follow protocols Page 90 in IRPG 	
All	Insects & Wildlife	<ul style="list-style-type: none"> Practice “Situational Awareness” when taking breaks Keep camp & sleeping area clean of debris, and food Check for TICKS periodically throughout shift 	
All	Multiple Aircraft Bucket Drops	<ul style="list-style-type: none"> Follow “Aviation Watch-out Situations” on page 52, IRPG Follow helicopter briefings Don't plan on air resources for medical transport or re-supply Use recommendations for bucket drops on page, 65, IRPG 	
All	Wet Weather	<ul style="list-style-type: none"> Don't stand, or walk on slick or slippery surfaces such as loading ramps, and steps to trailers 	
	ICP	<ul style="list-style-type: none"> Follow one-way traffic pattern.....10 mph speed limit Utilize spotter when parking Use caution when crossing streets and parking lots 	
INCIDENT NAME		DATE & TIME PREPARED	OPERATIONAL PERIOD
Green Valley Fire		5-15-2013 1900	5-16-2013 Day

Prepared by Safety Officer:

Reviewed by Operations Section Chief:

DIV	IRPG Page	TACTICAL WATCHOUTS	LCES HAZARD CONTROL ** Denotes Common Denominator of Tragedy Fires
	51-69	Multiple Aircraft	_x Air Operations ensures that all incident aviation personnel are briefed on daily tactics, planned use, and safety hazards _x Maintain positive direction between Air Attack, lead plane pilot, assigned aircraft, and ground operations _x If confusion or conflicting priorities develop, STOP operations, until they can be safely continued
		Intruder Aircraft	_x Designate TFR airspace over the incident air operations area _x Report airspace conflicts or intrusion immediately to Air Support _x Curtail air operations, as needed, until airspace is clear
		<u> </u> Air Support Dependent <u> </u> Slow Bucket Return	<u> </u> Staff dedicated lookouts at pre-identified vantage points. <u> </u> Staff aerial lookout. During major threatening activity, assess & provide direction <u> </u> Do go/no go assessment for ground operations <u> </u> Ensure that firefighter safety is not compromised
	65	_x Bucket Drops _x CL 215 Drops	_x Ensure clear air-ground communications _x Stay clear of flight zones and drop areas. _x Watch out for rotor wash or air tanker turbulence and potentially erratic fire behavior _x Keep heads up for snags and hazard trees
		Poor Communications	_x Establish effective radio repeaters to reach all divisions. Confirm radio frequencies _x Warn ground forces of possible gaps in the repeater frequencies; advise to contact air tactical if necessary
		Poor Weather Info	_x Take hourly weather observations over command frequency _x Staff dedicated lookouts at pre-identified vantage points _x Weather watch system to be developed by FBAN/Meteorologist.
		Inversion	_x Limit air operations _x Warn crews of possible lack of air missions if smoked out _x Be alert for increased fire activity when inversion lifts
		_x Inadequate Air Supprt _x Inadequate Crews	_x Consider disengagement if airtanker and/or helicopter support resources are lost _x Do go/no go assessment for ground operations _x Evaluate suppression strategy, providing for fire fighter safety first _x Retreat if the situation is too complex
		_x Spotting _x Torching	_x Watch for smoldering fires picking up over large areas, trees crowning out inside of fireline, high sustained rate of spread, well-developed convection column, hot/dry weather _x Patrol for spots especially after torching, Grid green areas _x Post lookouts
	72-79	_x RH<25% _x Temps >85F _x Direct Sun _x Dead/Dying Fuels _x Freeze-Dried Fuels _x Fuel Loads >10T/Ac _x Winds>10MPH**	_x Watch potential for torching, spotting, re-burn, and erratic,extreme fire behavior _x Staff dedicated lookouts at pre-identified vantage points _x Take hourly weather observations over command frequency _x Establish effective radio repeaters to reach all divisions. Confirm radio frequencies _x Consider vegetation and terrain and flag and time multiple escape routes _x Improve/construct safety zones
		<u> </u> Slopes>50% <u> </u> Rolling Rocks <u> </u> FireFighter Safety	_x Identify chimneys, gullies, and/or steep slopes in work area _x Post lookouts, issue warnings _x Improve/construct, flag/time escape routes and safety zones _x Identify, flag, avoid rock hazards _x Keep crews from below known hazard areas _x Wear proper and good condition fire boots to avoid slips and falls. _x Identify safe routes and maintain 10 feet spacing _x Make sure you go slowly and watch your step _x Always carry tools on the downhill side.
	19	Lightning Storms	_x Watch for sudden reversal of wind direction and increased speed, drop in temperature _x Don't use the radio or telephone; turn off generators and electrical equipment _x Put down hand tools _x Avoid grouping together, sit/crouch, or if in open country stay in vehicle if possible _x Avoid standing near high objects, ridge tops, open spaces, ledges, rock outcroppings _x Keep away from wire fences; move away from horses and stock
		_x Dehydration _x Heat Stress <u> </u> Altitude >9,000'	_x Drink plenty of fluids (1 qt/hr); ensure adequate replacement water supplies _x Pace work; allow frequent periods of rest in shade, if possible _x Limit shift lengths _x Acclimate to extreme heat; schedule hardest work during cooler hours of the day <u> </u> Monitor fitness of crews for assignments; acclimate crews
	20-21	Snags	_x Stay alert for strong winds, steep slopes, bug-kill, air operations turbulence, vibrations from heavy equipment, use of explosives, rot or shallow-rooted trees _x Scout, identify and flag hazards, fell dangerous trees near the line _x Do go/no go assessment prior to falling _x Post lookouts, assess trees in work areas, issue daily warnings

